

Message Text

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PAGE 01 STATE 151088
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FRA/RRD-1:RPARSONS/NAHMED(PHONE)
FHWA/HRS-1:CSCHEFFEY(PHONE)
OST/TST-44:LMONEY(PHONE)
EUR/SOV:WVEALE
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TO AMEMBASSY MOSCOW

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E.O. 11652: N/A

TAGS: TGEN, ETRN, UR

SUBJECT: US-USSR TRANSPORTATION AGREEMENT: TRANSPORT OF
THE FUTURE (05.01) AND TRANSPORT CONSTRUCTION WORKING GROUP
(05.02)

1. REQUEST SCIOFF PLEASE PASS FOLLOWING LETTER TO
ISHCHENKO, SCST, FROM RAMUNDO, DOT.

2. JUNE 27, 1977 05.01 AND 05.02

MR. V.Y. ISHCHENKO
UNCLASSIFIED

UNCLASSIFIED

PAGE 02 STATE 151088

EXECUTIVE SECRETARY
USSR SECTION, US-USSR JOINT COMMITTEE
SCST
MOSCOW, USSR

I HAVE BEEN REQUESTED BY MR. ROBERT E. PARSONS, FRA/DOT,
AND MR. CHARLES SCHEFFEY, FHWA/DOT, THE U.S. WORKING GROUP

LEADERS ON TRANSPORT OF THE FUTURE AND TRANSPORT CONSTRUCTION, RESPECTIVELY, TO EXPLORE WITH YOU AND THE WORKING GROUP LEADERS ON THE SOVIET SIDE THE POSSIBILITY OF RECEIVING A 6-MAN U.S. DELEGATION DURING THE WEEK OF SEPT. 12-23, 1977, PRIMARILY FOR DISCUSSIONS AND VISITS TO LABORATORIES, EXPERIMENTAL FACILITIES AND TEST TRACKS IN CONNECTION WITH THE COOPERATIVE PROGRAM ON TRANSPORT OF THE

FUTURE. ENCLOSED IS A PROPOSED AGENDA FOR THE MEETING FOR CONSIDERATION BY THE SOVIET SIDE. THE DELEGATION WOULD BE HEADED BY DR. LLOYD MONEY, DIRECTOR, OFFICE OF SYSTEMS DEVELOPMENT, OFFICE OF THE SECRETARY OF TRANSPORTATION (OST) ACCOMPANIED BY THE FOLLOWING MEMBERS:

DR. ROBERT RAVERA, ADVANCED TECHNOLOGY DIVISION, OFFICE OF --SYSTEMS DEVELOPMENT, (OST),
DR. TIMOTHY BARROWS, MECHANICAL ENGINEER, TRANSPORTATION --SYSTEMS CENTER, CAMBRIDGE, MASS.,
MR. NEUBAR KAMALIAN, MECHANICAL ENGINEER, FEDERAL RAIL --ADMINISTRATION, DOT,
DR. ROGER KATZ, TECHNICAL STAFF MEMBER, MITREE --CORPORATION, AND
DR. HERBERT RICHARDSON, CHAIRMAN, MECHANICAL ENGINEERING --DEPARTMENT, MASSACHUSETTS INSTITUTE OF TECHNOLOGY.

WHILE IN THE SOVIET UNION, TWO MEMBERS OF THE DELEGATION UNCLASSIFIED

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PAGE 03 STATE 151088

(DRS. MONEY AND RAVERA, WHO HAVE GENERAL RESPONSIBILITIES IN DOT FOR DEVELOPMENT OF MANY KINDS OF TRANSPORTATION SYSTEMS) ARE INTERESTED IN VISITING METRO CONSTRUCTION SITES IN EARTHQUAKE-PRONE AREAS, SUCH AS TASHKENT, W;HTCH ACTIVITY WOULD BE IN CONNECTION WITH THE COOPERATIVE TUNNELING WORK OF THE TRANSPORT CONSTRUCTION WORKING GROUP.

PLEASE INFORM ME AS SOON AS POSSIBLE WHETHER THIS PROPOSED VISIT CAN BE ARRANGED DURING THE SUGGESTED PERIOD AS FALL SCHEDULES FOR THE DELEGATION MEMBERS ARE BECOMING VERY FULL.

BERNARD A. RAMUNDO
EXECUTIVE SECRETARY, U.S. SECTION
US-USSR JOINT COMMITTEE ON TRANSPORTATION

ENCLOSURE 1 OF 1

--SUGGESTED AGENDA
-- SEPT. 14, 1977 ARRIVE USSR
-- SEPT. 15, 1977 SUGGESTED TOPICS FOR PRESENTATIONS
-- BY SOVIET SIDE:

- 1. SYSTEMS STUDIES
- (A) SPEED
- (B) WEIGHT/PAYLOAD
- (C) STAGE LENGTH
- (D) GUIDEWAY COSTS
- (E) CAPACITY
-
- (F) HEADWAYS
- (G) IMPLEMENTATION PLANS
- (H) ENERGY REQUIREMENTS
- 2. SUSPENSION TECHNOLOGY
- (A) MAGNET DESIGN
- (B) CONTROL SYSTEM DESIGN
- 3. PROPULSION TECHNOLOGY

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PAGE 04 STATE 151088

- (A) LINEAR MOTOR DESIGN
- AND PERFORMANCE
- (B) REACTION RAIL DESIGN
- 4. POWER DISTRIBUTION AND
- COLLECTION
- (A) CONTACTING AND NON-
- CONTACTING POWER
- PICK-UP
- SEPT. 16, 1977 PRESENTATIONS BY U.S. SIDE
- 1. OVERALL SYSTEMS STUDIES
- (A) OVERVIEW OF PLANNED
- MULTIPURPOSE FIXED
- GUIDEWAY STUDY
- (B) INITIAL SYSTEM
- SYNTHESIS AND
- PERFORMANCE STUDIES
- (C) INITIAL ECONOMIC
- STUDIES
- 2. LINEAR MOTOR RESEARCH
- (A) SINGLE-SIDED LIM
- (LINEAR ASYNCHRONOUS
- MOTOR) TEST PLANS
- USING LIM RESEARCH
- VEHICLE AT PUEBLO
- (B) INTEGRATED SUSPENSION/
- PROPULSION SYSTEM
- USING A LIM: TEST
- PROGRAM AT QUEENS
- UNIVERSITY
- (C) TESTS ON LINEAR
- SYNCHRONOUS (HOMO-
- POLAR) MOTOR ON
- GENERAL ELECTRIC

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PAGE 05 STATE 151088

-- ROTATING WHEEL
-- FACILITY
-- 3. VEHICLE/GUIDEWAY DYNAMIC
-- INTERACTION STUDIES
-- (A) VALIDATION OF
-- ATTRACTION MAGLEV
-- COMPUTER SIMULA-
-- TIONS USING KOMET
-- VEHICLE

-- (B) GENERAL VEHICLE/
-- GUIDEWAY PARAMETRIC
-- STUDIES USING
-- VALIDATED SIMULA-
-- TIONS
-- 4. RESEARCH AT THE
-- MASSACHUSETTS INSTITUTE
-- OF TECHNOLOGY ON SEPARATE
-- LIFT-GUIDANCE MAGNET
-- CONFIGURATIONS
-- 5. RAM AIR CUSHION (GROUND
-- EFFECT) VEHICLE RESEARCH
-- (A) TOWED VEHICLE TESTS AT
-- PRINCETON
-- (B) WIND TUNNEL TESTS
-- SEPT. 19-23, 1977 VISITS TO LABORATORIES,
-- EXPERIMENTAL FACILITIES, AND
-- TEST TRACKS VANCE

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